ELSEVIER

Journal of Experimental Marine Biology and Ecology
246 (2000) 291–292

JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY

www.elsevier.nl/locate/jembe

Contents of Volume 246

Research articles

B. Morton, W.Y. Yuen (Hong Kong)
The feeding behaviour and competition for carrion between two sympatric scavengers on a sandy shore in Hong Kong: the gastropod, *Nassarius festivus* (Powys) and the hermit crab, *Diogenes edwardsii* (De Haan) 1

M.W. Grove, C.M. Finelli, D.S. Wethey, S.A. Woodin (USA)
The effects of symbiotic crabs on the pumping activity and growth rates of *Chaetopterus variopedatus* 31

S. Maciá (USA)
The effects of sea urchin grazing and drift algal blooms on a subtropical seagrass bed community 53

H. De Wolf, R. Verhagen, T. Backeljau (Belgium)
Large scale population structure and gene flow in the planktonic developing periwinkle, *Littorina striata*, in Macaronesia (Mollusca: Gastropoda) 69

M. Lindström (Finland)
Eye function of Mysidacea (Crustacea) in the northern Baltic Sea 85

E. Gorokhova, S. Hansson (Sweden)
Elemental composition of *Mysis mixta* (Crustacea, Mysidacea) and energy costs of reproduction and embryogenesis under laboratory conditions 103

K. Aarnio (Finland)
Experimental evidence of predation by juvenile flounder, *Platichthys flesus*, on a shallow water meiobenthic community 125

Book Review

Sharks, Skates, and Rays: the Biology of Elasmobranch Fishes 139

Research articles

D.B. Stengel, M.J. Dring (UK)
Copper and iron concentrations in *Ascophyllum nodosum* (Fucales, Phaeophyta) from

different sites in Ireland and after culture experiments in relation to thallus age and epiphytism 145

Č. Lucu, M. Devescovi, B. Skaramuca, V. Kožul (Croatia)
Gill Na,K-ATPase in the spiny lobster *Palinurus elephas* and other marine osmoconformers. Adaptiveness of enzymes from osmoconformity to hyperregulation 163

S. Ward, P. Harrison (Australia)
Changes in gametogenesis and fecundity of acroporid corals that were exposed to elevated nitrogen and phosphorus during the ENCORE experiment 179

L.L. Willson, L.E. Burnett (USA)
Whole animal and gill tissue oxygen uptake in the Eastern oyster, *Crassostrea virginica*: Effects of hypoxia, hypercapnia, air exposure, and infection with the protozoan parasite *Perkinsus marinus* *223*

S. de Lestang, M.E. Platell, I.C. Potter (Australia)
Dietary composition of the blue swimmer crab *Portunus pelagicus* L. Does it vary with body size and shell state and between estuaries? 241

S. Legras, C. Mouneyrac, J.C. Amiard, C. Amiard-Triquet, P.S. Rainbow (France, UK)
Changes in metallothionein concentrations in response to variation in natural factors (salinity, sex, weight) and metal contamination in crabs from a metal-rich estuary 259

Book Reviews

Evolutionary Relationships among Protozoa 281
Oceans. Rivers and Lakes: Energy and Substance Transfers at Interfaces 283
New Developments in Marine Biotechnology 284